

SIGNAL CONDITIONING SYSTEM WITH ADJUSTABLE
GAIN AND OFFSET MISMATCHES

ABSTRACT OF THE DISCLOSURE

A signal conditioning system includes first and second converters coupled to a random clock which provides a random sampling rate. Corresponding offset sensor coupled with the first and second converters sense and adjust an offset signal difference. A gain sensor is coupled with the first and second converters to sense a gain difference between the first and second converters and a gain corrector is coupled with the gain sensor to adjust the gain difference.